

APALACHICOLA RIVER BASIN

2002 Water Year

02335810 CHATTAHOOCHEE RIVER AT MORGAN FALLS DAM, AT SANDY SPRINGS, GA

LOCATION.—Lat 33°58'06", long 84°22'58" referenced to North American Datum (NAD) of 1983, Fulton County, Hydrologic Unit 03130001, on upstream side of Morgan Falls Dam 3.9 miles upstream from mouth of Sope Creek at river mile 312.6.

DRAINAGE AREA.—1,370 mi², approximately.

COOPERATION.—U.S. Army Corps of Engineers, Mobile District.

WATER-STAGE RECORDS

PERIOD OF RECORD.—June 1988 to current year.

REVISED RECORDS.—WDR GA-90-1: 1988-89.

GAGE.—Satellite telemetry with a water-stage recorder. Datum of gage is 12.52 feet below National Geodetic Vertical Datum (NGVD) of 1929 (leveling by Global Positioning System equipment. Prior to October 1, 2001, the datum of gage was 0.00 feet referenced to NGVD of 1929.

REMARKS.—Records good. Flow regulated by Lake Sidney Lanier since January 1956.

EXTREMES FOR PERIOD OF RECORD.—Maximum gage-height recorded, 866.58 feet, February 16, 1995; minimum gage-height recorded, 857.60 feet, November 9, 1989. Extremes have been adjusted to current gage datum.

EXTREMES FOR CURRENT YEAR.—Maximum gage-height recorded, 866.24 feet, March 31; minimum gage-height recorded, 859.73 feet, December 20.

PRECIPITATION RECORDS

PERIOD OF RECORD.—January 25, 2002 to September 30, 2002.

GAGE.—Tipping-bucket raingage.

REMARKS.—Records good.

STATION NUMBER 02335810 CHATTAHOOCHEE RIVER AT MORGAN FALLS DAM, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
 LATITUDE 335806 LONGITUDE 0842258 NAD83 DRAINAGE AREA 1370.00* CONTRIBUTING DRAINAGE AREA DATUM -12.52 NGVD29
 Date Processed: 2003-03-11 11:04 By bemccall

APPROVED

DD #1, DCP

GAGE HEIGHT, FEET, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	864.91	865.56	865.05	865.45	864.78	865.58	865.68	865.27	864.40	865.38	865.74	865.72
2	864.91	864.94	864.98	865.46	864.33	865.31	865.77	865.94	863.76	865.72	865.90	865.80
3	864.92	864.79	865.25	865.54	864.39	865.28	865.58	865.95	862.90	865.89	865.77	865.47
4	864.85	865.42	865.32	865.65	864.59	865.72	865.84	865.69	863.46	865.83	865.07	865.84
5	864.84	865.47	865.27	865.47	865.43	865.78	865.85	865.82	864.84	865.47	864.00	865.56
6	865.26	865.83	865.59	865.60	865.53	865.56	865.77	865.86	865.72	865.71	863.77	865.26
7	865.87	865.70	865.63	865.89	865.71	865.45	865.61	865.96	865.96	865.65	864.29	865.64
8	865.55	865.82	865.60	865.49	865.94	865.26	865.85	865.81	865.88	865.72	864.55	865.23
9	865.40	865.78	865.29	865.01	865.95	865.47	865.65	865.80	865.67	865.50	864.98	864.83
10	865.21	865.72	865.22	864.38	865.99	865.42	865.39	865.85	865.28	865.62	865.13	865.28
11	865.21	865.48	865.70	864.30	865.72	865.31	865.07	865.76	864.70	865.81	864.37	865.20
12	865.38	865.28	865.45	863.98	865.42	865.74	865.34	865.50	864.08	865.85	862.37	865.18
13	865.23	865.40	865.31	863.39	865.71	865.83	865.88	865.52	863.97	865.54	861.38	865.48
14	865.10	865.45	865.61	863.63	865.42	865.87	865.84	865.86	864.15	865.12	862.70	865.35
15	865.04	865.49	865.66	864.96	865.55	865.89	865.97	865.89	864.53	864.46	864.36	865.52
16	865.17	865.45	865.58	865.36	865.61	865.71	865.88	865.80	864.53	864.14	864.98	865.34
17	864.88	865.02	865.57	865.07	865.56	865.62	865.80	865.53	864.36	864.01	865.79	864.22
18	864.54	865.10	865.72	864.16	865.20	865.48	865.72	865.80	864.14	863.81	865.85	865.61
19	864.13	864.69	865.34	864.98	865.25	865.20	865.41	865.86	863.94	863.22	865.89	865.82
20	863.76	864.72	863.42	865.09	864.97	864.84	865.08	865.85	863.44	863.22	865.88	865.61
21	864.15	864.98	865.59	865.52	865.77	865.49	865.01	865.83	863.99	863.24	865.70	865.56
22	863.81	865.35	865.68	865.71	865.60	865.60	864.68	865.59	865.39	862.54	865.89	865.26
23	863.77	865.51	865.66	865.61	865.72	865.27	863.93	865.48	865.53	863.54	865.96	865.56
24	864.72	865.90	865.85	865.42	865.27	865.04	864.51	865.29	865.82	865.79	865.95	865.53
25	865.09	865.89	865.92	865.35	865.33	865.29	865.55	865.27	865.67	865.58	865.57	865.63
26	865.26	865.90	865.72	865.50	864.90	865.14	865.82	865.21	865.78	865.74	865.49	865.91
27	865.52	865.83	865.56	865.93	865.13	865.06	865.26	865.11	865.79	865.85	865.92	865.92
28	865.31	865.39	865.61	865.94	865.14	864.86	864.63	864.99	865.78	865.54	865.93	865.96
29	864.98	864.90	865.70	865.75	---	865.33	864.81	864.73	865.81	865.30	865.91	865.75
30	865.18	864.78	865.62	865.55	---	865.53	864.83	864.88	865.76	865.34	865.90	865.48
31	865.23	---	865.51	865.22	---	865.30	---	864.76	---	865.27	865.88	---
MEAN	864.94	865.38	865.45	865.17	865.35	865.43	865.40	865.56	864.83	865.01	865.06	865.48
MAX	865.87	865.90	865.92	865.94	865.99	865.89	865.97	865.96	865.96	865.89	865.96	865.96
MIN	863.76	864.69	863.42	863.39	864.33	864.84	863.93	864.73	862.90	862.54	861.38	864.22

STATION NUMBER 02335810 CHATTAHOOCHEE RIVER AT MORGAN FALLS DAM, GA STREAM SOURCE AGENCY USGS STATE 13 COUNTY 121
 LATITUDE 335806 LONGITUDE 0842258 NAD83 DRAINAGE AREA 1370.00* CONTRIBUTING DRAINAGE AREA DATUM -12.52 NGVD29
 Date Processed: 2003-03-11 11:15 By bemccall

APPROVED

DD #4, DCP

PRECIPITATION, TOTAL, INCHES, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	0.04	0.00	0.05	0.21	0.00	0.00	0.00	0.00
2	---	---	---	---	0.00	1.71	0.01	0.00	0.00	0.06	0.00	0.00
3	---	---	---	---	0.01	0.27	0.00	0.70	0.00	2.08	0.00	0.00
4	---	---	---	---	0.01	0.00	0.00	3.79	0.38	0.00	0.00	0.00
5	---	---	---	---	0.00	0.00	0.00	0.00	0.97	0.00	0.00	0.00
6	---	---	---	---	1.38	0.00	0.00	0.00	0.11	0.00	0.00	0.00
7	---	---	---	---	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	---	---	---	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	---	---	---	---	0.00	0.09	0.01	0.06	0.00	0.00	0.00	0.00
10	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00
11	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---	0.00	0.00
12	---	---	---	---	0.00	0.69	---	0.00	0.00	---	0.00	0.00
13	---	---	---	---	0.00	0.09	---	0.52	0.00	---	0.00	0.81
14	---	---	---	---	0.00	0.00	---	0.00	0.40	---	0.00	0.34
15	---	---	---	---	---	0.00	---	0.00	0.00	---	0.02	0.41
16	---	---	---	---	---	0.00	0.00	0.00	0.00	---	---	0.00
17	---	---	---	---	---	0.07	0.00	0.36	0.00	---	---	0.80
18	---	---	---	---	---	0.00	0.00	0.30	0.00	---	---	1.71
19	---	---	---	---	0.00	0.00	0.00	0.00	0.00	---	---	0.00
20	---	---	---	---	0.17	0.33	0.00	0.00	0.00	---	---	0.44
21	---	---	---	---	0.00	0.18	0.00	0.00	0.00	---	0.02	0.29
22	---	---	---	---	0.00	0.00	0.01	0.00	0.04	---	0.04	0.31
23	---	---	---	---	0.00	0.00	0.00	0.00	0.17	---	0.00	0.01
24	---	---	---	---	0.00	0.00	0.00	0.00	0.02	---	0.00	0.00
25	---	---	---	0.04	0.00	0.00	0.23	0.00	0.05	---	0.00	0.95
26	---	---	---	0.00	0.04	0.81	0.00	0.01	0.05	---	0.93	0.55
27	---	---	---	0.00	0.00	0.01	0.00	0.00	0.04	---	0.00	0.12
28	---	---	---	0.00	0.00	0.00	0.04	0.00	0.05	---	0.00	0.00
29	---	---	---	0.00	---	0.00	0.04	0.00	0.04	---	0.00	0.00
30	---	---	---	0.00	---	2.40	0.22	0.00	0.00	0.00	0.00	0.03
31	---	---	---	0.00	---	0.28	---	0.00	---	0.00	0.00	---
TOTAL	---	---	---	---	---	6.93	---	5.95	2.32	---	---	6.77